

RETN / Resistin Antibody
Mouse Monoclonal Antibody
Catalog # ALS14968**Specification**

RETN / Resistin Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9HD89
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	11kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

RETN / Resistin Antibody - Additional Information**Gene ID** 56729**Other Names**

Resistin, Adipose tissue-specific secretory factor, ADSF, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, RETN, FIZZ3, HXCP1, RSTN

Target/Specificity

Human Resistin

Reconstitution & Storage

Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Precautions

RETN / Resistin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

RETN / Resistin Antibody - Protein Information**Name** RETN**Synonyms** FIZZ3, HXCP1, RSTN**Function**

Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells (By similarity). Potentially links obesity to diabetes (By similarity). Promotes chemotaxis in myeloid cells (PubMed:15064728).

Cellular Location

Secreted {ECO:0000250|UniProtKB:Q99P87}.

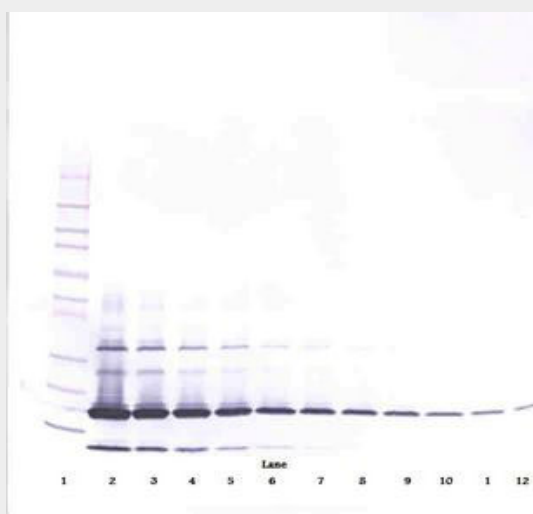
Tissue Location

Expressed in white adipose tissue (at protein level) (PubMed:11201732). Widely expressed, with particularly strong expression in lung, bone marrow, breast and peripheral blood (PubMed:15248836). Expressed strongly in bone marrow and at lower levels in lung, but not detected in other tissues (PubMed:15064728) Isoform 2 is detected in adipose tissue, bone marrow, brain, lung, peripheral blood, placenta and thymus (PubMed:15248836)

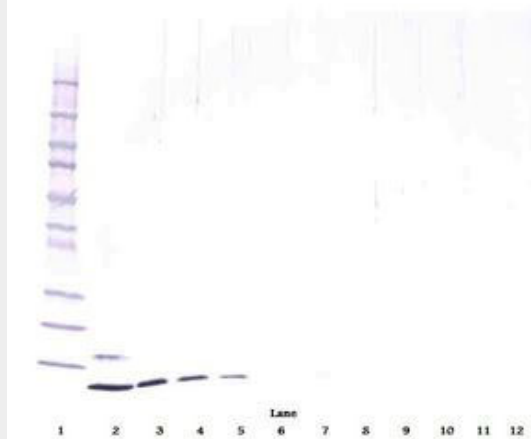
RETN / Resistin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

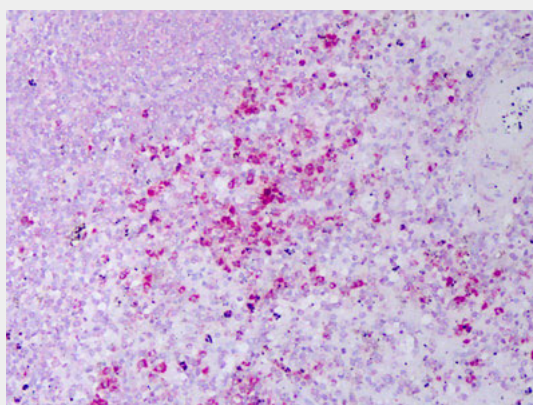
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RETN / Resistin Antibody - Images

Western Blot (non-reducing) of Resistin antibody ALS14968



Western Blot (reducing) of Resistin antibody ALS14968



Anti-RETN / Resistin antibody IHC of human spleen.

RETN / Resistin Antibody - Background

Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes.

RETN / Resistin Antibody - References

- Holcomb I.N.,et al.EMBO J. 19:4046-4055(2000).
- Steppan C.M.,et al.Nature 409:307-312(2001).
- Kubota T.,et al.Blood 96:3953-3957(2000).
- Nohira T.,et al.Eur. J. Endocrinol. 151:151-154(2004).
- Rajala M.W.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.